

Atty. Dkt. No:

Inventor(s):

Serial No.:

Filing Date:

Examiner:

Title:

Client Ref. No.:

Group Art Unit:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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CERTIFICATE OF FIRST CLASS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date indicated below.

Robert C. Kowert

Name of Registered Representative IVED

Feb. 29, 2001

Date

Technology Center 2100

POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS

RECEIVED

Commissioner for Patents Washington, D.C. 20231

5181-72200

09/693,672

Unknown

Computing

Environments

2681

Slaughter, et al.

October 19, 2000

Bridging Between a

Data Representation Language Message-

Based Distributed

Environment and Other

P5236

MAR 0 8 2001

Dear Sir/Madam:

Technology Center 2600

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Kenneth Olsen	Reg. No. 26,493	
Timothy J. Crean	Reg. No. 37,116	
Joseph T. FitzGerald	Reg. No. 33,881	RECEIVED
Alexander E. Silverman	Reg. No. 37,940	RECLIVED
Anirma Rakshpal Gupta	Reg. No. 38,275	MAD A 0 2001
Sean P. Lewis	Reg. No. 42,798	MAR n 9 7001
Michael J. Schallop	Reg. No. 44,319	= -tlemy Contar 2600
Bernice B. Chen	Reg. No. 42,403	Technology Center 2600
Kenta Suzue	Reg. No. 45,145	
Noreen A. Krall	Reg. No. 39,734	
Richard J. Lutton, Jr.	Reg. No. 39,756	
Monica D. Lee	Reg. No. 40,696	



Attorney Docket No.: 518 2200/P5236

Marc D. Foodman	Reg. No. 34,110
Naren Chaganti	Reg. No. 44,602
Elaine Lee	Reg. No. 41,936
Hugh H. Matsubayashi	Reg. No. 43,779
Paul Sorkin	Reg. No. 39,039
Ramin Aghevli	Reg. No. 43,462
Marilyn Glaubensklee	Reg. No. 35.521

each of said attorneys being employed by Sun Microsystems; and

Dan R. Christen	Reg. No. 39,943
Gentry E. Crook	Reg. No. 44,633
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Lawrence J. Merkel	Reg. No. 41,191
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
David A. Rose	Reg. No. 26,223

each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert

CONLEY, ROSE & TAYON, P.C.

P.O. Box 398

Austin, Texas 78767-0398

(512) 476-1400

Assignee of Interest:

SUN MICROSYSTEMS, INC.

M/S PAL 01-521

901 San Antonio Road Palo Alto, CA 94303

Dated: 02/20/01

Name: Kenneth Olsen

Reg. No.: 26,493

Title: Vice President, Intellectual Property





PTAS

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JANUARY 23, 2001

CONLEY, ROSE & TAYON, P.C. ROBERT C. KOWERT P.O. BOX 398 AUSTIN, TX 78767-0398



MAY 3 - 2001

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

MAR 0 8 2001 Technology Center 2600

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/19/2000

REEL/FRAME: 011250/0112

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SLAUGHTER, GREGORY L.

DOC DATE: 10/09/2000

ASSIGNOR:

SAULPAUGH, THOMAS E.

DOC DATE: 10/12/2000

RFC

ASSIGNOR:

TRAVERSAT, BERNARD A.

DOC DATE: 10/09/2000

Technoic

ASSIGNOR:

ABDELAZIZ, MOHAMED M.

DOC DATE: 10/09/2000

ASSIGNOR:

DUIGOU, MICHAEL J.

DOC DATE: 10/09/2000

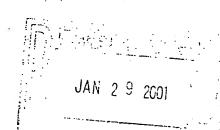
ASSIGNEE:

SUN MICROSYSTEMS, INC. 901 SAN ANTONIO ROAD PALO ALTO, CALIFORNIA 94303

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MAR 0 9 2001

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011250/0112 PAGE 2

SERIAL NUMBER: 09693672

PATENT NUMBER:

FILING DATE: 10/19/2000

ISSUE DATE:

MAURICE CARTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO-1595	11-22-	-2000 U.S. DEPARTMENT OF COMMERCE		
1-31-92 Patent and Trademark Office				
To the Honorable Commissioner of Patents and Tradem:	10152	24665 :opy thereof.		
Name of conveying party(ies):		2. Name and address of receiving particles ED		
	ν 10.19.α	Name: Sun Microsystems droy 3 - 2001 Internal Address: Technology Center 2100 Street Address: 901 San Antonio Road		
Additional name(s) of conveying party(ies) attached? yes	⊠ no	- de la companya de l		
		City Palo Alto State CA ZIP 94303 Additional name(s) & address(es) attached? Yes No		
3. Nature of Conveyance:		RECEIVED		
Assignment Merger		MAR 0 8 2001		
Security Agreement Change of Name Other		Technology Center 2600		
Execution Date: 10/9/00, 10/12/00 and		05/1093(07)		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of this application is: 10/9/00, 10/12/00, and 10/9/00				
A. Patent Application No.(s) B. Patent No.(s)				
Additional numbers attached? Yes No				
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents in Colede		
Name: Robert C. Kowert		MAR 0 9 2001		
Internal Address: Conley, Rose & Tayon, P.C.		Technology Center 2600		
Street Address: P.O. Box 398				
City Austin State TX ZIP 78767-0398	<u> </u>			
		7. Total fee (37 CFR 3.41):		
		8. Deposit account number: (Attach a duplicate copy of this page if paying by deposit account) 03-2769		
DO NOT USE THIS SPACE				
9. Statement and Signature. To the best of my knowledge and belief, the foregoing informationals Jusquand correct sed any attached copy is a truy copy of the original document.				
Robert C. Kowert	The	October 19, 2000 Date		
Name of Person Signing Reg. No. 39,255		C Signature Date Total number of pages: 3		
OMB No. 0651-011 (exp.4/94)				
10/26/2000 ETULU1 00000062 09693672 (04 FC 581 40.00 OP				

04 FC:581

PATENT 5181-72200 P4987, P4988, P4994, P5193, P5194, P5236 RECEIVED MAY 8 - 2001

<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned entitled, **BRIDGING BETWEEN A DATA** concurrently herewith, and is LANGUAGE MESSAGE-BASED DISTRIBUTED REPRESENTATION COMPUTING ENVIRONMENT AND OTHER ENVIRONMENTS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

PATENT 5181-72200 P4987, P4988, P4994, P5193, P5194, P5236

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

RECEIVED

(Signature) Date: Date: Technology Center 2100
Name: Gregory L Slaughter

(Signature) Whom & , Sangary L Date: 10-12-2000

Name: Thomas E. Saulpaugh

(Signature)

Name: Bernard A. Traversat

Date: 0 2500

(Signature) Date: 0-9-2000
Name: Mohamed M. Abdelaziz

(Signature) Michael I Duigou Date: Oct 9/00

Robert C. Kowert Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, TX 78767-0398